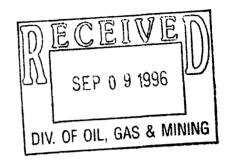
Petroglyph Operating Co., Inc. P.O. Box 1839

Hutchinson, KS 67504-1839

September 6, 1996

Utah Division of Oil, Gas, & Mining Attn: Mr. Frank Matthews, Petroleum Engineer 1594 West North Temple Box 145801 Salt Lake City, UT 84114-5801



RE: APPLICATION FOR PERMIT TO DRILL UTE TRIBAL # 03-12 NW/SW SEC. 3, T5S, R3W DUCHESNE COUNTY, UTAH LEASE NO. BIA 14-20-H62-3502 UTE TRIBAL LANDS

Dear Mr. Matthews:

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Phone # (801) 789-4120
Fax # (801) 789-1420

Sincerely.

Ed Trotte

Petroglyph Operating Co., Inc.

Attachments

/EHT/dmt

Form 3160-3 (November 1983) (formerly 9-331C)

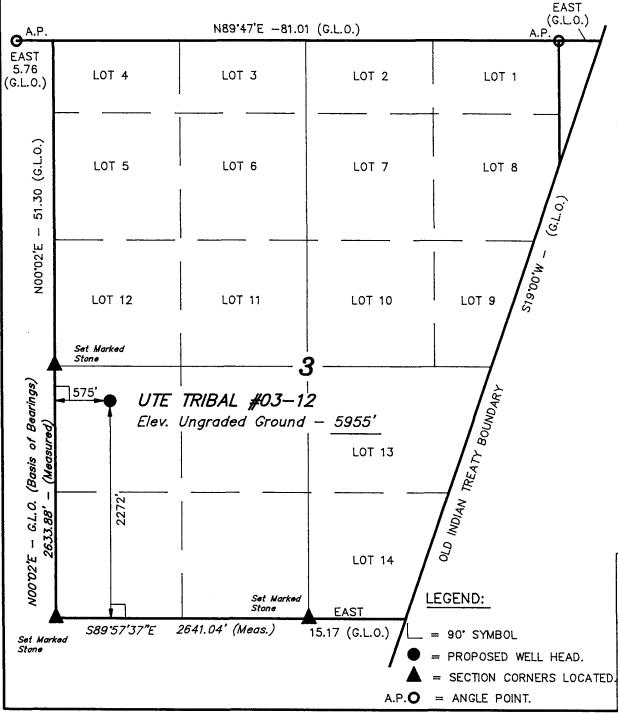
UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATION (Other instructions on reverse side)

Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985

BUREAU OF LAND MANAGEMENT					5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-3502	
APPLICATIO	N FOR PERMIT	TO DRILL,	DEEP	PEN, OR PLUG E	BACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME UTE INDIAN TRIBE
b. TYPE OF WELL	ILL X	DEEPEN		PLUG BA	CK 🗆	7. UNIT AGREEMENT NAME
WELL V	VELL OTHER			SINGLE MULTIP	LE	8. FARM OR LEASE NAME
2. NAME OF OPERATOR			····			UTE TRIBAL
PETROGLYPH 3. ADDRESS OF OPERATOR	OPERATING CO	MPANY INC	•			9. WELL NO.
P.O. BOX 60	7 DOCEMEN	T	4066			#03-12
	7 ROOSEVEL' Report location clearly and		4066			10. FIELD AND POOL, OR WILDCAT
At surface			cu any	State requirements.*)		ANTELOPE CREEK
2272' FSL & At proposed prod. zor		W/4 SW/4				11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA Sec. 3, T5S, R3W
14. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POS	T. OFFIC	:E*		12. COUNTY OR PARISH 13. STATE
19.6 MILES	SOUTHWEST OF	MYTON, U	ГАН			DUCHESNE UTAH
15. DISTANCE FROM PROPO LOCATION TO NEARES			16. N	O. OF ACRES IN LEASE		F ACRES ASSIGNED
PROPERTY OR LEASE I	LINE, FT. g. unit line, if any)	575'		649	TO TH	40
18. DISTANCE FROM PROF TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED.		i	ROPOSED DEPTH 6472'	20. ROTAR ROT	Y OR CABLE TOOLS ARY
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)		<u>'</u>		<u> </u>	22. APPROX. DATE WORK WILL START*
5955' GRADE	D GROUND					SEPTEMBER 1996
23.		PROPOSED CASI	NG ANI	D CEMENTING PROGRAM	1	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	OOT	SETTING DEPTH		QUANTITY OF CEMENT
12 1/4	8 5/8	24.0#		250'	135 s	x class "G" + 2% CaCl ₂
7_7/8	5 1/2	15.5#		6472'		#/sx celloflake.
	l .	l			SALT OF IN LIGHT LCM T OR FR	POZMIX + 2% GEL + 10% TO 400' ABOVE ALL ZONES TEREST (+ 10% EXCESS). CEMENT (11 PPG ±) + 0 200' ABOVE OIL SHALE ESH WATER INTERVALS (+ CESS).
	OPERATING CO					TED
Burea	Division of O u of Indian A ribe, Fort Du	Affairs, E	ort	Duchesne, Ut	ah	DECEIVE SEP 0 V 1996
preventer program, if any		roposal is to deep	en or p data o	lug back, give data on pron subsurface locations and	esent produc l measured	ctive some and proposed new orogudation ING and true vertical depths. Give blowout
SIGNED C	2 Le joble	TITI	LE AG	ENT FOR PETRO	GLYPH	DATE 9-6-1996
(This space for Feder PERMIT NO. 43 APPROVED BY CONDITIONS OF APPROVA	al or State office use) -013-3/70 Dattless L. IFANY:) 6 	Le	APPROVAL DATE	mee	DATE 9/25/96

T5S, R3W, U.S.B.&M.

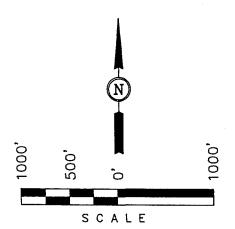


PETROGLYPH OPERATING CO., INC.

Well Location, UTE TRIBAL #03-12, located as shown in NW 1/4 SW 1/4 of Section 3, T5S, R3W, U.S.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 3, T5S, R3W, U.S.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5980 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MANE ON THE MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELLET.

ENSTERED LAND SURVEYOR
LESTRATION NO. 161319

UINTAH ENGINEERING & LANDING VEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(801) 789-1017

	SCALE 1" = 1	000'			DATE SURVEYED: 6-24-96	DATE DRAWN: 6-25-96	
)	PARTY G.S.	B.P.	D.R.B.		REFERENCES G.L.O. PLA	Т	*
•	WEATHER WARM			FIL	E TROGLYPH OPER	RATING CO	INC

EIGHT POINT PLAN

UTE TRIBAL # 03-12 NW/SW SEC. 3, T5S R3W DUCHESNE COUNTY, UTAH

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

FORMATIONS	DEPTH	SUBSEA
Mahogany Shale	3032.5	2932
'X' marker	4656.5	1308
Douglas Creek	4796.5	1168
"B" Limestone	5206.5	758
B/Castle Peak Limestone	5747.5	217
Basal Carbonate Limestone	6141.5	-177
Total Depth	6471.5	-507

Anticipated BHP

2800 psi

2. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS FORMATIONS:

Substance	Formation	<u>Depth</u>	Subsea
Oil/Gas	Douglas Creek	4796.5	1168
Oil/Gas	B/Castle Peak	5747.5	217
Other mineral zones	N/A		

3. PRESSURE CONTROL EQUIPMENT : BOP Schematic Diagram attached.

4. <u>CASING PROGRAM</u>:

	-					MINIMUM S	<u>AFETY FA</u>	CTOR
HOLE SIZ	E INTERVAL	LENGTH	SIZE	WEIGHT	GRADE	COLLAPS	E BURST T	ENSILE
12 1/4	0' - 250'	250'	8 5/8	24.0 #	J-55	1370 PSI	2950 PSI	263,000#
7 7/8	0' - 6471.5'	6471.5'	5 1/2	M-50 #	J-55	4040 PSI	4810 PSI	202,000#

All casing will be new or inspected.

EIGHT POINT PLAN

UTE TRIBAL # 03-12 NW/SW SEC. 3, T5S R3W DUCHESNE COUNTY, UTAH

5. MUD PROGRAM

INTERVAL	MUD TYPE
0' - 250'	Air
250' - 4000'	Air/Mist & Aerated Water
4000' - TD	Air/3% KCL water or KCL substitute
TD	Gel/polyacrylamide plolymer w/5-10% LCM

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

6. VARIANCE REQUESTS:

- A. Petroglyph Operating Co., Inc. requests a variance to regulations requiring a straight run blooie line.
- B. Petroglyph Operating Co., Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.

7. **EVALUATION PROGRAM:**

Logs:	Mud Logging	T.D. to base of surface csg.
	Compensated Density-Compensated Neutron Log	T.D. to base of surface csg.
	Dual Laterolog - Micro-SFL	T.D. to base of surface csg.
	Numar (Magnetic Resonance Imaging Log)	@ Geologists discretion

Cores: None Programmed DST': None Programmed

Completion: To be submitted at a later date.

8. ABNORMAL CONDITIONS:

None anticipated.

EIGHT POINT PLAN

UTE TRIBAL # 03-12 NW/SW SEC. 3, T5S R3W DUCHESNE COUNTY, UTAH

9. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

10. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in associaton with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in associaton with the drilling of this well.

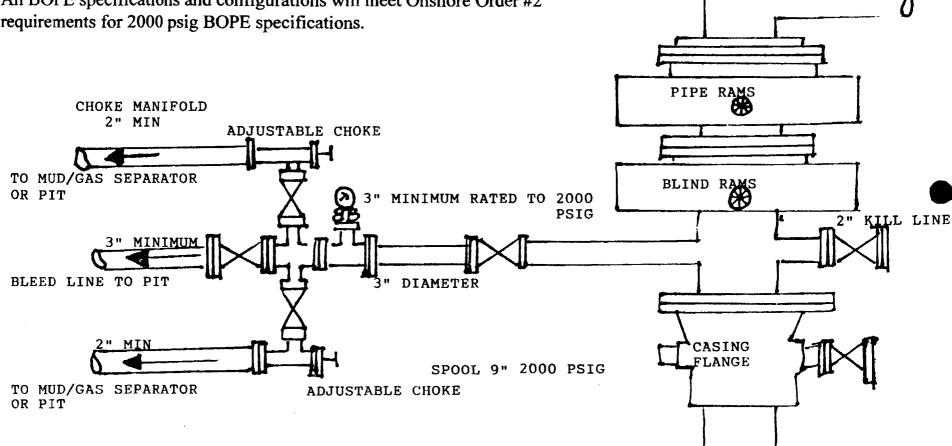
(Attachment: BOP Schematic Diagram)

2000 PSIG DIAGRAM

BOTH RAMS ARE 2000 PSIG RATED. CASING FLANGE IS 9" 2000 PSIG RATED. **BOPE 9" 2000 PSIG**

TESTING PROCEDURE:

- 1. BOPE 's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
- 2. Blind & Pipe rams will be tested to rated working pressure, 2000 psig
- 3. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be pressure tested to the same pressure as blind & pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 2000 psig BOPE specifications.



ROTATING

FLOW LINE

HEAD

CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator: Petroglyph Operating Co., Inc.

Well Name & Number: <u>Ute Tribal # 03-12</u> Lease Number: BIA 14-20-H62-3502

Location: 2272' FSL & 575' FWL NW/SW, Sec. 3, T5S R3W

U.S.B.&M., Duchesne County, Utah

Surface Ownership: Ute Indian Tribe

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice

- at least twenty-four (24) hours prior to spudding the

well.

Casing String and

Cementing

- twenty-four (24) hours prior to running casing and

cementing all casing strings.

BOP and related

Equipment Tests

- twenty-four (24) hours prior to running casing and

tests.

First Production

Notice

- within five (5) business days after new well begins

or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice To Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing road.
- B. The proposed well site is located approximately 19.6 miles southwest of Myton, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.3 miles in length. See attached TOPO Map "B"
- B. The access road has a 30 foot ROW w/18 foot running surface.
- C. Maximum grade on access road will be 8%
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges or major cuts & fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the

roadbed as necessary to provide a well-constructed safe road.

Prior to upgrading, the road shall be cleared of any snow cover and

allowed to dry completely. Traveling off the 30 foot Right-of- Way

will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, Petroglyph Operating Co., Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION

- A. Water wells None
- B. Abandoned wells None
- C. Temporarily abandoned wells None.
- D. Disposal wells 1*
- E. Drilling wells None.
- F. Producing wells 10*
- G. Shut in wells None
- H. Injection wells None
 (*See attached TOPO map "C" for location)

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Tank batteries None
- 2. Production facilities-To be submitted later
- 3. Oil gathering lines None

- 4. Gas gathering lines-None
- 5. Injection lines None
- 6. Disposal lines None
- 7. Surface pits None

B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 4 1/2" OD steel above ground production pipeline will be laid approximately 1300' from proposed location to a point in the SW/SW of Section 3, T5S, R3W, where it will tie into Petroglyph Operating Co., Inc.'s existing facility at the Ute Tribal #03-13 tank battery. Proposed pipeline crosses Ute Tribe lands, thus a Right-of-Way grant will be required. See attached TOPO Map D showing pipeline route.
- 3. Proposed pipeline will be a 4 1/2" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the Ute Tribal # 03-13 location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities required will be painted within 6 months of installation. Facilities required to comply with O.S.H.A.

(Occupational Safety and Health Act) will be excluded. The required paint color is Desert Brown.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Target Trucking's Roosevelt Brine Storage and/or Target's water source in SE 1/4, Sec. 1, T 4S, R 5W Duchesne County, Utah (State water right #43-10152). All water will come from a non-depletable source.
- B. Water will be hauled by Target Trucking.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of location.
- B. All construction material will come from Ute Tribal Land.
- C. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at an approved waste disposal facility.
- 4. Produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, together with the required water analysis, will be submitted for the AO's approval.

- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on drilling rig to avoid leakage of oil to pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in reserve pit or be removed and disposed of at an authorized disposal site.

 Introduction of well bore hydrocarbons to reserve pit will be avoided by flaring them off in flare pit at time of recovery.

Burning of trash will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

On BIA administered land:

allow discharge of liquids.

All reserve pits will be lined with either native clay, commercial bentonite or plastic sufficient to prevent seepage. (If a plastic nylon reinforced liner is used, it shall be torn and perforated after the pit dries and before backfilling of the reserve pit).

A 12 mill liner shall be installed in the reserve pit.

_____To protect the environment:

If the reserve pit is lined the operator will provide the BIA with a chemical analysis of the fluids in that pit no later than 90 days after the well completion to determine the method for final reclamation of the reserve pit. If the elemental concentrations shown by the chemical analysis exceeds the requirements described by part II, Standards of Quality for Waters of the State,

Wastewater Disposal Regulations, State of Utah Division of Health, the contents and liner will be removed and disposed of at an authorized disposal site.

______To protect the environment (without a chemical analysis) reserve pits will be constructed so as not to leak, break, or

Storage tanks will be used if drill sites are located on tribal

irrigable land, flood plains, or on lands under crop production. After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

9. WELL SITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills & cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation parking areas, and access road.

The reserve pit will be located on the Northwest side of the location. The flare pit will be located downwind of the prevailing wind direction on the Northwest side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored on the South end of the location.

Access to the well pad will be from the North.
N/A Diversion ditch(es) shall be constructed on the
side of the location (above/below) the cut slope, draining to
the
N/A Soil compacted earthen berm(s) shall be placed on the
side(s) of the location between the
N/A The drainage(s) shall be diverted around the sides of the well pad location.
N/A The reserve pit and/or pad locations shall be constructed long and
narrow for topographic reasons
X Corners No. 2 & 8 will be rounded off to minimize excavation.

FENCING REQUIREMENTS

All pits will be fenced according to the following minimum standards:

- A. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16'.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BIA or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly travelled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to a new road, crossing any fence located on federal land, or any fence between federal land and private land, the operator will contact the BIA, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to

satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion (weather permitting). Before any dirt work takes place, the reserve pit will be completely dry and all cans, barrels, pipe, fluid, and hydrocarbons, will be removed.

Contact appropriate surface management agency for required seed mixture.

B. DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and BIA will attach the appropriate surface rehabilitation conditions of approval.

ON BIA Administered lands:

Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) reestablishing irrigation systems where applicable, (b) reestablishing soil conditions in irrigated fields in such a way as to ensure cultivation and harvesting of crops and, (c) ensuring revegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the BIA at the time of abandonment.

11. SURFACE OWNERSHIP

Access road:

Ute Indian Tribe

Location:

Ute Indian Tribe

12. OTHER INFORMATION

A. Petroglyph Operating Co., Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

-whether the materials appear eligible for the National Register of historic Places;

the mitigation measures the operator will likely have to undertake before the site can be used.

-a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, Petroglyph Operating Co., Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BIA,

or the appropriate County Extension Office. On BIA administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Tribal Lands after the conclusion of drilling operations or at any other time without BIA authorization. However, if BIA authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

On BIA administered land:

Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way authorization". All operators, subcontractors, vendors, and their employees or agents may not disturb saleable timber (including firewood) without a duly granted wood permit from the BIA Forester.

If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, an approved right-of-way will be obtained from the BIA before the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe, rights-of-way will be obtained from the other entity.

All roads constructed by operators on the Uintah and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members (d) that permits must be obtained from the BIA before cutting firewood or other timber products, and (e) only authorized personnel permitted. All well site locations on the Uintah and Ouray Indian Reservation will have an appropriate sign indicating the name of the operator,

the lease serial number, the well name and number, the survey description of the well (either footage or the quarter-quarter section, the section, township, and range).

Additi	onal Surface Stipulations	
N/A	_No construction or drilling activities sha	all be conducted between
	andbeca	nuse of
N/A	_No surface occupancy will be allowed v	vithin 1,000 feet of any sage
	grouse strutting ground.	
N/A	_No construction or exploration activities	s are permitted within 1.5
	mile radius of sage grouse strutting grou	ands from April 1 to June 30.
N/A	_There shall be no surface disturbance w	ithin 600 feet of live water
٠	(includes stock tanks, springs, and guzz	lers).
N/A_	_No cottonwood trees will be removed or	r damaged.
N/A	_Pond will be constructed according to B	LM specifications
	approximatelyft	of the location, as flagged
	on onsite.	
LESS)	EE'S OR OPERATOR'S REPRESENTA	TIVE AND CERTIFICATION
	<u>PERMITTING</u>	<u>OPERATIONS</u>
	Ed Trotter	Deanna Bell
	1620 West 750 North	P.O. Box 607
	Vernal UT 84078	Roosevelt, UT 84066
	Telephone # (801)789-4120	(801) 722-2531
	Fax # (801) 789-1420	Fax # (801) 722-9145

All lease/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. Petroglyph Operating Co., Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

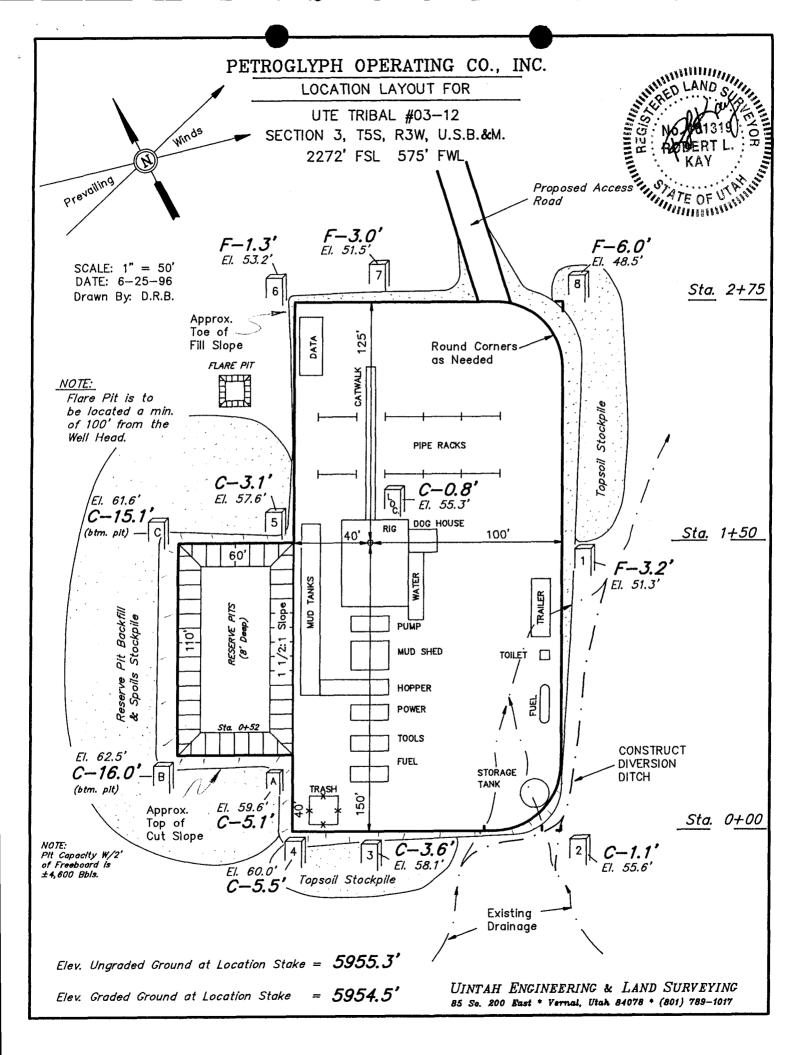
A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

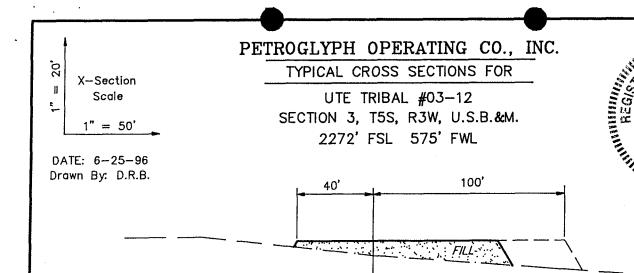
The BIA Office shall be notified upon site completion prior to moving on the drilling rig.

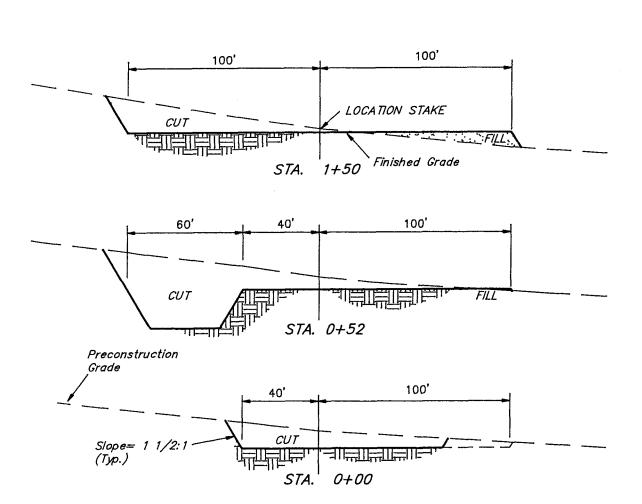
Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the Plan are to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Petroglyph Operating Co., Inc. and its contractors and sub-contractors in conformity with this Plan and the terms and conditions under which it is approved.

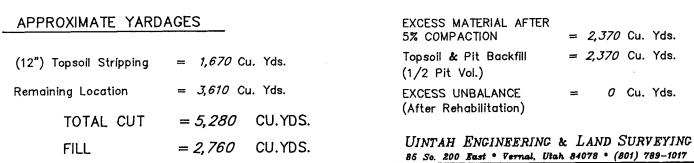
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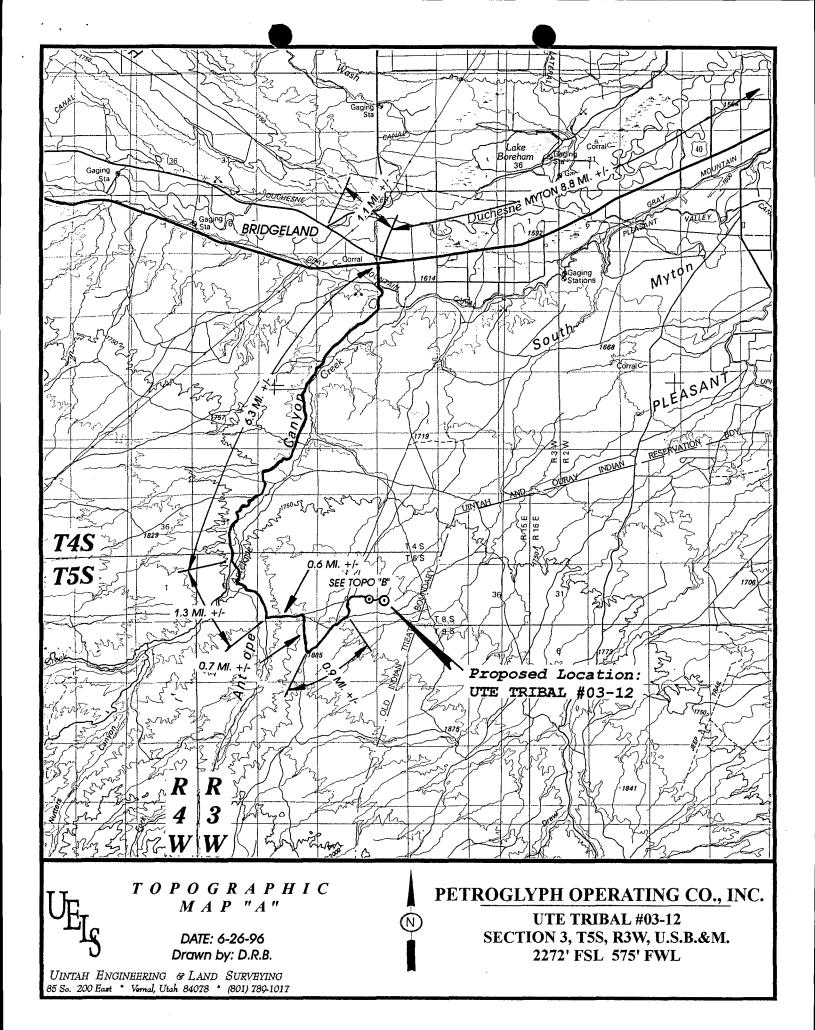


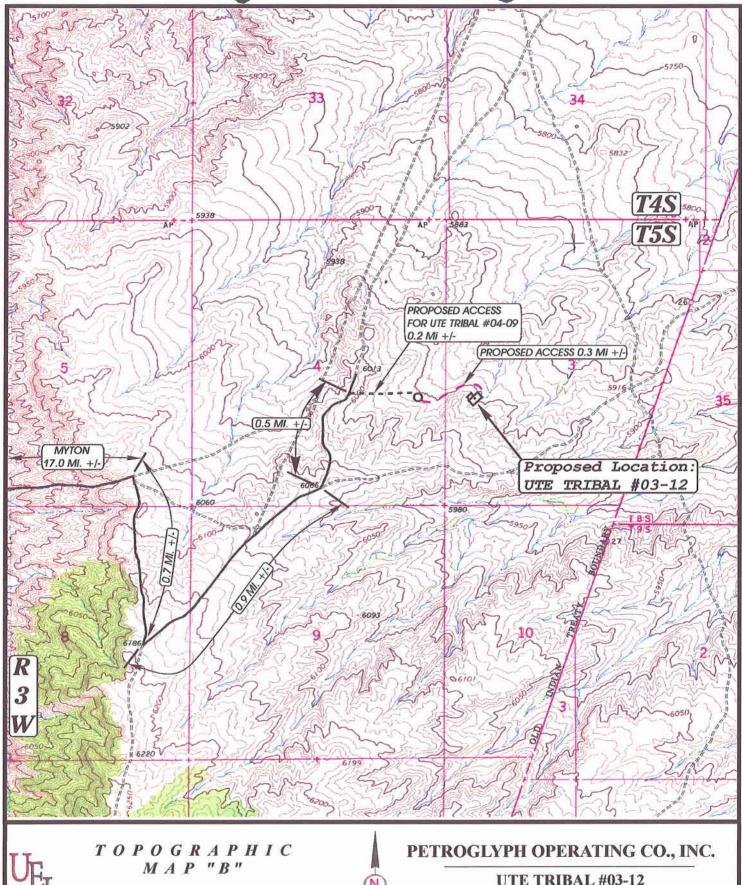




STA. 2+75









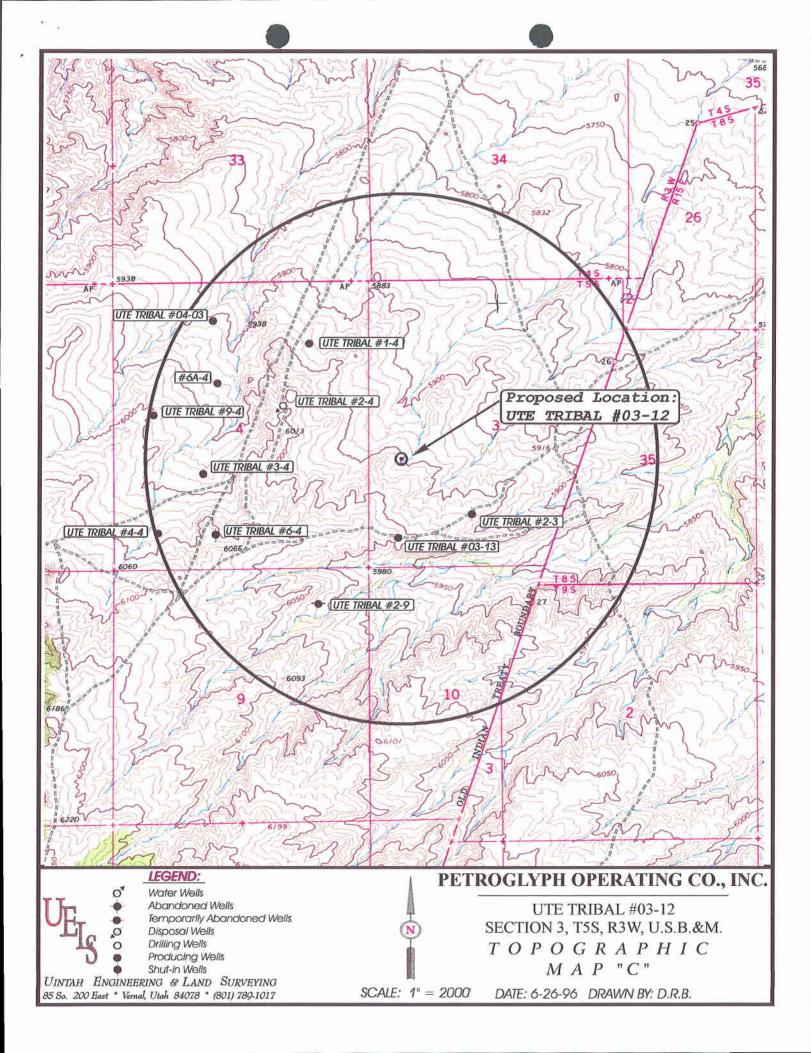
DATE: 6-26-96 Drawn by: D.R.B.

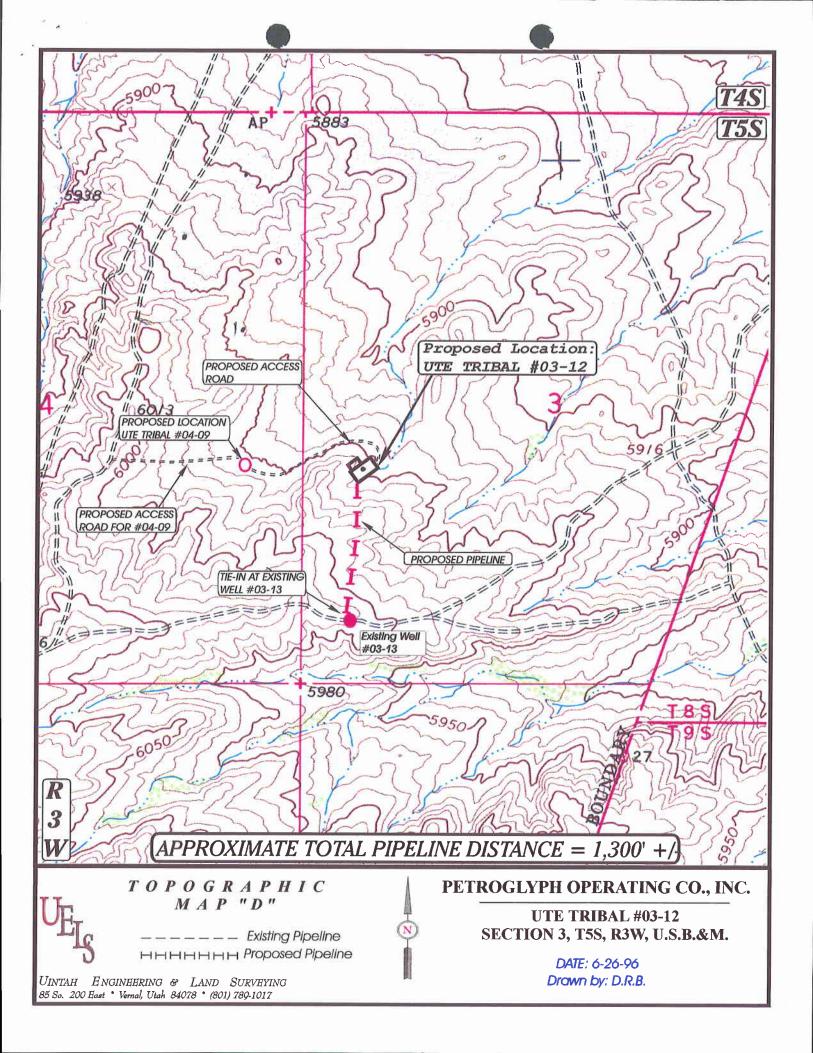
UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East * Vernal, Utah 84078 * (801) 789-1017



UTE TRIBAL #03-12 SECTION 3, T5S, R3W, U.S.B.&M. 2272' FSL 575' FWL

SCALE: 1" = 2000'





WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/09/96	API NO. ASSIGNED: 43-013-31706
WELL NAME: UTE TRIBAL 03-12 OPERATOR: PETROGLYPH OPERATING	(N3800)
PROPOSED LOCATION: NWSW 03 - T05S - R03W SURFACE: 2272-FSL-0575-FWL BOTTOM: 2272-FSL-0575-FWL DUCHESNE COUNTY ANTELOPE CREEK FIELD (060) LEASE TYPE: IND LEASE NUMBER: 14-20-H62-3502 PROPOSED PRODUCING FORMATION: GRRV	INSPECT LOCATION BY: / / TECH REVIEW Initials Date Engineering Geology Surface
RECEIVED AND/OR REVIEWED: Plat Bond: Federal [1] State[] Fee[] (Number	LOCATION AND SITING: R649-2-3. Unit: R649-3-2. General. R649-3-3. Exception. Drilling Unit. Board Cause no: Date:
COMMENTS:	
STIPULATIONS:	

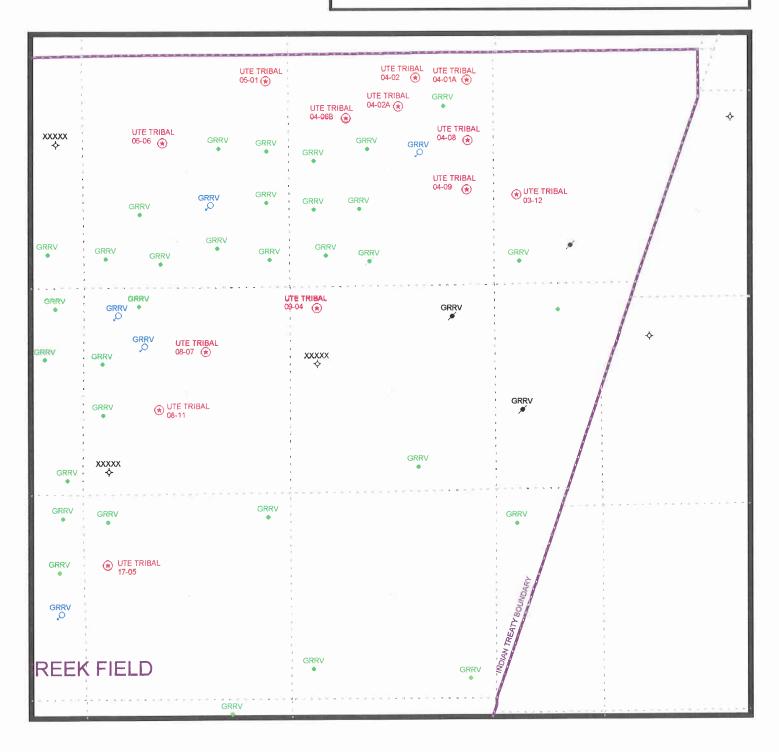
OPERATOR: PETROGLYPH

FIELD: ANTELOPE CREEK (060)

SEC. TWP. RNG: 3 T5S R3W

COUNTY: DUCHESNE

UAC: R649-3-3



PREPARED: DATE: 11-SEP-96



DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Governor Ted Stewart **Executive Director** James W. Carter Division Director 801-359-3940 (Fax) 801-538-5319 (TDD)

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax)

September 25 1996

Petroglyph Operating Company, Inc. P.O. Box 607 Roosevelt, Utah 84066

Ute Tribal 03-12 Well, 2272' FSL, 575' FWL, NW SW, Sec. 3, Re: T. 5 S., R. 3 W., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31706.

Sincerelv,

Associate Director

lwp

Enclosures

Duchesne County Assessor

Bureau of Land Management, Vernal District Office



Operator:	Petroglyph Operating Company, Inc.
Well Name & Number:	Ute Tribal 03-12
API Number:	43-013-31706
Lease:	14-20-H62-3502
Location: NW SW	Sec. <u>3</u> T. <u>5</u> S. R. 3 W.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

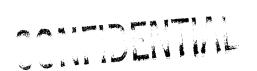
2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: PETROGLYPH OPERATING
Well Name: UTE TRIBAL 03-12
Api No. 43-013-31706
Section 3 Township 5S Range 3W County DUCHESNE
Drilling Contractor UNION
Rig #: 16
SPUDDED:
Date: 9/21/96
Time:
How: ROTARY
Drilling will commence:
Reported by: D. INGRAM-DOGM
Telephone #:
Date: 9/23/96 Signed: JLT

Form 3160-3 (November 1983) (formerly 9-331C)

UNITED STATES DEPARTMENT OF THE INTERIOR

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Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985

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							9. WELL NO.			
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*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

COAs Page 1 of 9 Well No.: Ute Tribal 03-12

CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator: Petroglyph Operating Company Inc.
Well Name & Number: <u>Ute Tribal 03-12</u>
API Number: <u>43-013-31706</u>
Lease Number: <u>14-20-H62-3502</u>
Location: NWSW Sec. 03 T.5S R 3W

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

COAs Page 2 of 9 Well No.: Ute Tribal 03-12

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. <u>Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are</u> Expected to be Encountered

Report <u>ALL</u> water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the shallowest potential productive zone. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

COAs Page 3 of 9 Well No.: Ute Tribal 03-12

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5 .Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to the top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

COAs Page 4 of 9 Well No.: Ute Tribal 03-12

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

COAs Page 5 of 9 Well No.: Ute Tribal 03-12

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

COAs Page 6 of 9 Well No.: Ute Tribal 03-12

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman

(801) 789-7077

Petroleum Engineer

Wayne P. Bankert

(801) 789-4170

Petroleum Engineer

Jerry Kencka

(801) 781-1190

Petroleum Engineer

(801) 781-4410

BLM FAX Machine

COAs Page 7 of 9 Well No.: Ute Tribal 03-12

While the following wastes are nonexempt, they are not necessarily hazardous.

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

COAs Page 8 of 9 Well No.: Ute Tribal 03-12

SURFACE USE PLAN OF OPERATION

Conditions of Approval (COA's)

- 1. The Ute Tribe Energy and Minerals Department is to be notified 48 hours prior to construction.
- 2. Petroglyph Operating Company will assure the Ute Tribe that any/all contractors/subcontractors have acquired a Tribal Business License and have an Access Permit prior to construction.
- 3. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the areas examined, as referenced in report, and to the existing roadways and/or evaluated access routes.
- 4. All recommendations of the Bureau of Indian Affairs, combined site specific Environmental Analysis (EA) report shall be strictly adhered, during and after construction.
- 5. All personnel should refrain from collecting artifacts and from disturbing any significant cultural remains from subsurface deposits at are exposed or identified during construction.
- 6. The personnel from the Ute Tribe Energy & Minerals Department should be consulted, should cultural remains from subsurface deposits be exposed or identified during construction.
- 7. Upon completion of Application for Permit to Drill and Right-of-way, the Ute Tribe Energy & Minerals Resource Department will be notified by Petroglyph Operating Company so that a Tribal Technician can verify Affidavit of Completions.

Mitigation stipulations from the combined site specific Environmental Analysis.

- 1. Before the site is abandoned the company will be required to restore the well pad and access road to near their original state. The disturbed area will be reseeded with desirable perennial vegetation.
- 2. Noxious weeds will be controlled on all well sites and rights-of-way. If noxious weeds spread from the well sites or rights-of-way onto adjoining land, the company will also be responsible for their control.
- 3. The pipeline will be constructed to lay on the soil surface, and the right-of-way will not be bladed or cleared of vegetation.

Where pipelines are constructed parallel to roads they may be welded on the road and then lifted from the road onto the right-of-way.

COAs Page 9 of 9 Well No.: Ute Tribal 03-12

Where pipelines do not parallel roads but cross country between stations, they shall be welded in place at wellsites or on access roads and then pulled between stations with a suitable piece of equipment. Traffic will be restricted along these areas so that the pipeline right-of-way will not be used as an access road.

- 4. An open drilling system shall be used. Reserve pits will be lined with impervious synthetic liners. Prior to backfilling the reserve pit all fluids will be pumped from the pit into trucks and hauled to approved disposal sites. When the reserve its are backfilled the surplus oil and mud, etc will be buried a minimum of 3.0 feet below the surface of the soil.
- 5. A closed production system will be used. Production fluids will be contained in leak proof tanks. All production fluids will be disposed of at approved disposal sites. The indiscriminate dumping of production fluids on roads, well sites or other areas will not be allowed.
- 6. Although the access roads have a 30 foot right-of-way the bladed area of the road will be limited to 21 feet in all areas except where deep cuts and fills are required, sharp turns are required, or at the intersections with other roads.

OPERATOR Petroglyph Operating Co., Inc.

OPERATOR ACCT. NO

) извоо

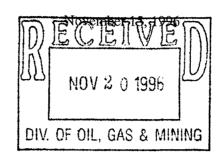
ADDRESS P.O. Box 1839

Hutchinson, KS 67504-1839

	·	·		****							
ACTION	CURRENT	NEH	APE NUMBER	WELL NAME			WELL	LOCALIO		T	T
COBE	ENTLLY HO.	ENTITY NO.			QQ	SC	TP	RG	COUNTY	SPUD Date	EFFECTIVE DATE
A	99999	19384	43-013-31706	Ute Tribal 03-12	NWSW	3	5S	ЗЖ	Duchesne	9-21-96	
HELL 1 C							·	' 	I	<u>'</u>	<u> </u>
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A - B -	- Establish - Add new wo	new entity	on back of form) for new well (sinding entity (group ne existing entity		VEN				Signature Dea	K.Bes	
D - E -	- Re-assign - Other (exp	well from o Plain in com	ne existing entiti ments section)	y to another existing entity y to a new entity OCT 2.4.1		1			Operations	Coordinate	r 9-25-96
				ction Code was selected.	333				11618		Date
(3/89)			•	DIV. OF OIL GAS &	MINUNE				Plione Na. (80	1) /22-233	T

VIA UPS

Vicky Dyson State of Utah Division of Oil, Gas & Mining 1594 W. North Temple, Ste. 1210 Salt Lake City, UT 84114



Ms. Dyson:

Enclosed please find the logs listed below for the wells located in Duchesne County, Utah.

·	1.6人为兴广自为广队
Well Name	Log
Ute Tribal 03-04	CNL, AIT
Ute Tribal 03-12 055 03 w 03	CNL, AIT 43 0/3 3/706
Ute Tribal 04-02A	CNL/GR
Ute Tribal 04-08	CNL/GR, AIT
Ute Tribal 04-15	CNL, AIT
Ute Tribal 08-07	AIT
Ute Tribal 17-12	AIT
Ute Tribal 28-05A	CNL
Ute Tribal 30-01	CNL, AIT
Ute Tribal 30-08	CNL, AIT

If you have any questions, please do not hesitate to contact me at (316) 665-8500.

Sincerely,

Angela R. Ely

Administrative Operations Manager

ARE/ms

Enclosures

Form 3160-4 (November 1983) (formerly 9-330)			JANTED MAT C					N DUPLE	ATE • other in tions or the side)	Buc Exp	1103 110	oved. reau No. 1004-0137 agust 31, 1985 ation and serial no.
			AÙ OF LA					Toursey, Johnson	rse side)	14-20)-H62	- 3502
WELL CO				MPLE	ION	REPOR	TAN	4D∵L)O	G *	_ Ute 3	[ndia:	ottee or tribe NAME n Tribe
b. TYPE OF COL	MPLETION:	WELL	⊠ weta. €	ľ		Other — NAV 9	N 105		#	7. UNIT A		-4650
NEW WELL X	OVER TOR	EN DEEL-	DACK DACK	P #	svn.	Other	V 140	70	+	S. FARM Ute !	or LEAS Criba	
. Petrogl		rating	Company	, Inc.	Div. O	E OIL, G	13 g	I MINING		9. wr.l.		
		, Hutch	inson, K	s 675	04-18	39	.4	TRI	. 1	10. FIELD	AND PO	OL, OR WILDCAT
4. LOCATION OF W	ELL (Report	location c	lcarly and in	accordanc	e with a		Suit from a	4997		Ante	lope	Creek
At surface 2			5' FWL,	NW SW	C_{i}	JM+1,	ייין נ			OR AT	EA	, OR BLOCK AND SURVEY
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At total depth	473 RT)			ERMIT NO		DATE	ISSUED		12. COUNT		13. STATE
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20. TOTAL DEPTH, MD	A TVD	21. PLUG. B.	ACK T.D., MD &	TVD 2	2. IF MUI	TIPLE CON	PL.,		ERVALS LLED BY	ROTARY 1	00L8	CABLE TOOLS
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Green Riv	er			() ()		1 1						
26. TYPE ELECTRIC	AND OTHER	LOGE RUN					V				27.	WAS WELL CORED
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5-1/2	15.5		595		-	7/8		sx PLP				
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29.		TIN	ER RECORD		1			30.		TUBING RE	CORD	<u> </u>
BIZE	TOP (MD		TTOM (MD)	SACKS C	EMENT*	SCREEN	(ND)	SIZE	i	DEPTH SET		PACKER SET (MD)
								2-7/	8 5	735		
31. PERFORATION RE			nd number)			32.						JEEZE, ETC.
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	(9 shots (25 shot					5782 5084						16500# prop 25700# prop
	(23 shot					4615						14400# prop
	(41 shot					4566						32160# prop
33.•						DUCTION						
DATE FIRST PRODUCT 11-13-96	TION		ng 2-1/2						np)		hut-in)	UB (Producing or
DATE OF TEST	HOURS TI		CHOKE SIZE		N. FOR	OIL-BB		GAS-N		WATER		ducing
11-14-96	24			TEST	PERIOD	66		1	0	39		
FLOW. TUBING PRESS.	950	RESSURE	24-HOUR RAT	011	881	GA	в— м с г .	1	WATER-	HBL.	OIL	GRAVITY-API (CORR.)
34. DISPOSITION OF C			, vented, etc.)					1		Dave		reiner
35. LIST OF ATTACH			<u></u>							1		
36. I bereby certify	that the fo	oregoing ar	nd attached in	formation	ı is comp	lete and c	orrect a	s determin	ed from	all available	record	8
SIGNED	nna	5	Palace	/	TLE H	Product	ion A	Analyst	5		7 Pr -	L1-20 - 96
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*(See Instructions and Spaces for Additional Data on Reverse Side)

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4018 ASAS, DEPTH 4018 A	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, BTC.		TC	ď
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4818 5220 5756 6150	X Marker	4170					
5220 5756 6150	Douglas Creek	4818					
6150	B Limestone	5220					
6150	Castle Peak						
	Basal Carbonate	6150					
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OPERATOR	Petroglyph	Operating	Company,	Inc.	OPERATOR	ACCT.	NO.	N 3800
ADDRESS _	P.O. Box 18	339	1.					

Hutchinson,	KS	67504-1839

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ACTION		NEW ENTITY NO.	API NUMBER	WELL NAME				WELL	LOCATIO	N	SPUD	EFFECTIVE
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С	17387	12006	43-013-31706	Ute Tribal 03-12		NWSW	3	5S	3W	Duchesne	9-21-96	11-15-96
WELL 1	COMMENTS:	Una Maria	02 12	-11	. 02 12		<u>'</u>	<u> </u>]		1	
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A	- Establish	new entity	on back of form) for new well (sing	ale well nolul		F4 725	el 13 (5			1 0264	VI	
Č	- Re-assign	well from o	ing entity (group	or unit well)						Signature Dea	nna K. Be	
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				ction Code was selected.		1				Title	. 700 054	Date '
(3/89)		·	, and any cach inc				6		1	Phone No. (80	11 122-25	<u>.</u>
					BAL (TE POST	HAR	e lainii	ua			

FORM 9 DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H623502 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS **UTE INDIAN TRIBE** Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 7. UNIT or CA AGREEMENT NAME: 1420H624650 1. TYPE OF WELL 8. WELL NAME and NUMBER: OIL WELL 🔽 GAS WELL UTE TRIBAL 03-12 2. NAME OF OPERATOR: 9. API NUMBER: PETROGLYPH OPERATING COMPANY, INC. 4301331706 3. ADDRESS OF OPERATOR: HONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: **PO BOX 607** CITY ROOSEVELT STATE UT ZIP 84066 (435) 722-2531 ANTELOPE CREEK 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2272"FSL 575" FWL COUNTY: DUCHESNE QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 3 **T5S R3W** STATE: **UTAH** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE Z DEEPEN NOTICE OF INTENT REPERFORATE CURRENT FORMATION (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: **CASING REPAIR NEW CONSTRUCTION** TEMPORARILY ABANDON CHANGE TO PREVIOUS PLANS **OPERATOR CHANGE** TUBING REPAIR CHANGE TURING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) **CHANGE WELL STATUS** PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This well is is presently in TA status. Due to further study, we intend to add perf height and frac zones in the Green River formation. Unable to give initial start date due to frac equipment. Job will start in May 2011 as frac equipment becomes available. Proposed perfs and frac in the following zones. B5: 4316-4330', B6: 4348-4350', B7: 4480-4492', D3: 5380-5384'. D3: frac will be via 3 1/2" fracs and 5 1/2" casing. Fracs will consist of Delta frac 140 15#, flush with 10# water frac. Sand ramp consists of 1-6#ppg 20/40 mesh sand. Isolation plugs consist of 5 1/2" 8K composite frac plugs. Adding perf height in zones B10: 4557-4566', 4576-4566', B11: 4612-4615', C8.1: 5081-5084', 5090-5095", E1.1: 5781-5782', 5784-5789', 5791-5792'. Perforating guns are 3 1/8" titan containing 22.7 gram charges, 0.42" EHD & & 35.10"TTP @ 4 spf @ 90* phased. All isolation plugs will be cleaned out to PBTD @ 5914'. Well bore will be cleaned up by swabbing until clean and good oil cut seen. Well will be placed on production with a rod pump. COPY SENT TO OPERATOR Initials: NAME (PLEASE PRINT) Leon Roush Rig Supervisor rush SIGNATURE 3/25/2011 DATE

(This space for State use only)

(5/2000)

cented by the Mah Division of

as and Mining

Federal Approval Of This Action Is Necessary

RECEIVED MAR 3 0 2011

* Guse No.

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

PETROGLYPH OPERATING COMPANY INC.

Operator Account Number: N 3800

Address:

PO BOX 607

city ROOSEVELT

state UT zip 84066 Phone Number: (435) 722-2531

Well 1

API Number	Well I	lame	QQ	QQ Sec Twp		Rng County		
4301331657	UTE TRIBAL 04-08		SENE	4	T5S	R3W	DUCHESNE	
Action Code	Current Entity Number	New Entity Number	S	pud Da	te	Entity Assignment Effective Date		
С	11780	17709	9	9/12/1996		4/19/2011		
Comments: GRRV	to Commo	n tank bu	attery	5		4/35/11		

Well 2

API Number	Well I	Name	QQ	Sec Twp		Rng County			
4301331706	UTE TRIBAL 03-12		NWSW	3	T5S	R3W	DUCHESNE		
Action Code	Current Entity Number	New Entity Number					Entity Assignment Effective Date		
С	12006	17709	9	9/21/1996		4/19/2011			
Comments: GRW	to Common	tank batte	rey			,	4/25/11		

Well 3

API Number	Weli	Name	QQ	Sec	Twp	Rng	County		
4301331164	UTE TRIBAL 08-12		NWSW	8	T5S	R3W	DUCHESNE		
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		ity Assignment iffective Date		
С	C 09386 12005		1	11/17/1986			4/19/2011		
Comments: GRRV	to common	tank bati	terez			ئو از	125/11		

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a revertible IVED
- E Other (Explain in 'comments' section)

APR 2 5 2011

Glen	da	Da۱	/is	
Name	(Ple	ase	Print)	

Signature	
Office Manager	
Title	

4/19/2011

Date

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING									LEASE DESIGNATION AND SERIAL NUMBER: 420H623502
SUNDRY NOTICES AND REPORTS ON WELLS									IF INDIAN, ALLOTTEE OR TRIBE NAME: ITE INDIAN TRIBE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.									UNIT or CA AGREEMENT NAME: 420H624650
1. TYPE OF WELL OIL WELL GAS WELL OTHER								8.	WELL NAME and NUMBER: TE TRIBAL 03-12
2. NAME OF OPERATOR: PETROGLYPH OPERATING COMPANY INC.									API NUMBER: 301331706
3. ADDRESS OF OPERATOR:							PHONE NUMBER: 10. FIELD		FIELD AND POOL, OR WILDCAT:
PO BOX 607 CITY ROOSEVELT STATE UT ZIP 84066						66	(435) 722-2531	F	ANTELOPE CREEK
	DOTAGES AT SURFACE: 2272' F	SL	& 575' FWL					co	UNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 3 5S 3W									ATE: UTAH
11.	CHECK APPF	ROP	RIATE BOXES TO IN	IDICAT	ΕN	ATURE	OF NOTICE, REP	ORT,	OR OTHER DATA
	TYPE OF SUBMISSION					T	PE OF ACTION		
	NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:		ACIDIZE			DEEPEN		[REPERFORATE CURRENT FORMATION
		片	ALTER CASING			FRACTURE		[SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON
	Approximate date work was start.	片	CASING REPAIR CHANGE TO PREVIOUS PLANS		H	NEW CONSTRUCTION OPERATOR CHANGE		 	TUBING REPAIR
			CHANGE TUBING			PLUG AND			VENT OR FLARE
7	SUBSEQUENT REPORT (Submit Original Form Only)	腨	CHANGE WELL NAME			PLUG BACK		i	WATER DISPOSAL
		\Box	CHANGE WELL STATUS			PRODUCTIO	ON (START/RESUME)	Ī	WATER SHUT-OFF
	Date of work completion:		COMMINGLE PRODUCING FOR	MATIONS		RECLAMATI	ON OF WELL SITE	[OTHER:
			CONVERT WELL TYPE			RECOMPLE	TE - DIFFERENT FORMATION	V	
Petroglyph Operating moved in service rig for recomplete in the Green River formation on 6/30/2011. This well was in TA status. Perf height was added in E.1:15791-5792, 5784-5789, 5781-5782, C8.1: 5090-5095, 5081-5084, B11: 4612-4615, B10: 4576-4578, 4557-4566 @ 4 spf. Perforated D3: 5380-5384 and fraced this zone via 3 1/2" tbg w/composite plug @ 5710'. Fraced w/ 17#XL SLF gelled fluid containing 1-6#ppg ramped fluid and 1-6#ppg fluid containing total of 14,807#'s 20/40 mesh sand. Perforated B7: 4480-4492, fraced via 5 1/2" casing w/composite plug @ 4530'. Fraced w/ 17# XL SLF gelled fluid containing 1-6#ppg ramped and 6#ppg fluid containing 21,515#'s 20/40 mesh sand. Perforated B6: 4347-4350 & B5: 4316-4330. Composite plug set @ 4415' and fraced w/17# XL SLF gelled fluid containing 1-6:ppg ramped and 6#ppg fluid containing 43,730#'s 20/40 mesh sand. All plugs were drilled out and cleaned out to 5914. Production tbg was ran and well bore was swabbed for oil cut and clean up. Rods and pump were run on 7/19/2011. Pump jack unit was installed and well was placed into production on 7/24/2011. **PRECEIVED AUG 0 8 2011** **DIV. OF OIL, GAS & MINING**									
NAME (PLEASE PRINT)_ Leon Roush					TITL	Rig Supervisor			
SIGNATURE Son Boust						DAT	7/24/2011		
			_						

(This space for State use only)

	DEPARTMENT OF NATURAL RESOUR	RCES							
	5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H623502								
SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE								
Do not use this form for proposals to drill n drill horizontal is	7. UNIT OF CA AGREEMENT NAME: 1420H624650								
1. TYPE OF WELL OIL WELL	8. WELL NAME and NUMBER: UTE TRIBAL 03-12								
2. NAME OF OPERATOR: PETROGLYPH OPERATI	NG COMPANY INC.	9. API NUMBER: 4301331706 PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT:							
3. ADDRESS OF OPERATOR: PO BOX 607 CIT	10. FIELD AND POOL, OR WILDCAT: ANTELOPE CREEK								
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2272	FSL & 575' FWL		COUNTY: DUCHESNE						
QTR/QTR, SECTION, TOWNSHIP, RAN	STATE: UTAH								
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA									
TYPE OF SUBMISSION		TYPE OF ACTION							
NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION						
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL						
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON						
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR						
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE						
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL						
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF						
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER:						
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION							
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all p	pertinent details including dates, depths, volum	es, etc.						
The date of first productio	n after the recomplete for this we	ll was on 7/24/11							
	RECEIVED								
	AUG 0 8 2011								
•									
	DIV. OF OIL, GAS & MINING								

(This space for State use only)

SIGNATURE

NAME (PLEASE PRINT) Leon Roush

ren Boush

TITLE Rig Supervisor

DATE 7/24/2011